

## Nimesh Sangani

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**From:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Sent:** Friday, April 16, 2021 1:32 PM  
**To:** Nimesh Sangani  
**Subject:** RE: Additional Information Request

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Nimesh,

I have reached out to the IRAU to get an updated coordination letter with the correct EIRP for 2402MHz and am waiting to receive it. I will update our application to a spot frequency of 2402MHz and will upload the new IARU coordination letter once it is received.

sep

[Scott Palo](#)  
Chair, AIAA Small Satellite Technical Committee  
Charles Victor Schelke Endowed Professor  
[Ann and H.J. Smead Department of Aerospace Engineering Sciences](#)  
[University of Colorado Boulder](#)  
Boulder, CO 80309

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**From:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Sent:** Friday, April 16, 2021 11:29 AM  
**To:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Subject:** RE: Additional Information Request

Scott,

You haven't made the requested change. I will be dismissing this application COB 04/25/2021.

V/r,  
Nimesh

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**From:** Nimesh Sangani  
**Sent:** Thursday, March 25, 2021 12:53 PM  
**To:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Subject:** RE: Additional Information Request

Scott,

Please let me know you have addressed the question from today.

V/r,  
Nimesh

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**From:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Sent:** Tuesday, March 9, 2021 4:34 PM  
**To:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Subject:** RE: Additional Information Request

Hi Nimesh,

I have not been in the office but did receive your message. Thanks for the details. I am going to try to find some time this week to make the changes and will get back to you with any questions.

sep

[Scott Palo](#)  
Chair, AIAA Small Satellite Technical Committee  
Charles Victor Schelke Endowed Professor  
[Ann and H.J. Smead Department of Aerospace Engineering Sciences](#)  
[University of Colorado Boulder](#)  
Boulder, CO 80309

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**From:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Sent:** Tuesday, March 9, 2021 2:31 PM  
**To:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Subject:** RE: Additional Information Request  
**Importance:** High

Scott,

I attempted to call you few times last week but didn't get any response.

Your IARU coordination letter is good for the following frequency:  
2402.000 MHz, emission designator 1M00G1D  
Your narrative also mentions  
2402 MHz with emission designator 1M00G1D.

Please change your application request to the specific frequency from IARU/experiment Narrative or provide an IARU coordination that is good for 2400-2405 MHz along with updated narrative.

Note: IF you have multiple frequency request for the satellite itself where the antenna information is different then enter each of those frequency as a separate antenna in future. For example 437 MHz and 2402 MHz have different gain, beamwidth and polarization then you have to enter those as a separate antenna. I fixed it for you this time but going forward please complete this yourself. Review it and let me know if I missed anything.

V/r,  
Nimesh

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**From:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Sent:** Wednesday, February 24, 2021 6:45 PM  
**To:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Subject:** RE: Additional Information Request

sure

[Scott Palo](#)

Chair, AIAA Small Satellite Technical Committee  
Charles Victor Schelke Endowed Professor  
[Ann and H.J. Smead Department of Aerospace Engineering Sciences](#)  
[University of Colorado Boulder](#)  
Boulder, CO 80309

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**From:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Sent:** Wednesday, February 24, 2021 4:24 PM  
**To:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Subject:** RE: Additional Information Request

Scott,

I can't give advice on which frequency you should pick for your experiment. That is upto to the applicant to figure out. I will give you a call regarding this tomorrow.

V/r,  
Nimesh

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**From:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Sent:** Wednesday, February 24, 2021 3:26 PM  
**To:** Nimesh Sangani <[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)>  
**Subject:** FW: Additional Information Request

Hi Nimesh,

Our plan is to operate at a spot frequency 2402 MHz with 1MHz of bandwidth but because we are on the edge of the ISM band there is some potential for interference. I requested a wider band in the application so that we would have some flexibility to adjust our operating frequency in the event we encounter interference. We could change the application to operate at a spot frequency of 2402MHz if that is the recommended approach.

Please advise.

sep

[Scott Palo](#)

Chair, AIAA Small Satellite Technical Committee  
Charles Victor Schelke Endowed Professor  
[Ann and H.J. Smead Department of Aerospace Engineering Sciences](#)  
[University of Colorado Boulder](#)  
Boulder, CO 80309

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**From:** [oetech@fcc.gov](mailto:oetech@fcc.gov) <[oetech@fcc.gov](mailto:oetech@fcc.gov)>  
**Sent:** Wednesday, February 24, 2021 9:21 AM  
**To:** Scott E Palo <[scott.palo@colorado.edu](mailto:scott.palo@colorado.edu)>  
**Subject:** Additional Information Request

To: Scott Palo, University of Colorado Boulder  
[palo@colorado.edu](mailto:palo@colorado.edu)

From: Nimesh Sangani  
[Nimesh.Sangani@fcc.gov](mailto:Nimesh.Sangani@fcc.gov)

Applicant: University of Colorado Boulder  
File Number: 0091-EX-CN-2021  
Correspondence Reference Number: 60279  
Date of Original Email: 02/24/2021

1) you have 2400-2405 MHz in your application but the supporting documents (narrative, ODAR, ITU) suggest a spot frequency 2402 MHz with a bandwidth of 1 MHz. Which one is it? 2) When you make the above changes, please make sure to enter the 2402 MHz as a separate antenna since the gain value is different. Remove the 2400-2405 MHz that's under the antenna # 1 in your application.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of 02/24/2021 may result in application dismissal pursuant to Section 5.67 and forfeiture of the filing fee pursuant to Section 1.1108.

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